

# SAFETY DATA SHEET

## Sikaflex-900 std color (nonstock) Formerly MSeal 900 std nonstock



Version 1.1      Revision Date: 01/08/2021      SDS Number: 000000274156      Date of last issue: 06/10/2020  
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### SECTION 1. IDENTIFICATION

Product name : Sikaflex-900 std color (nonstock) Formerly MSeal 900 std nonstock

Product code : 000000000057618673

#### Manufacturer or supplier's details

Company name of supplier : Sika MBCC US LLC

Address : 201 POLITO AVE  
Lyndhurst NJ 07071

Emergency telephone : ChemTel: +1-813-248-0585

#### Recommended use of the chemical and restrictions on use

Recommended use : Product for construction chemicals

Restrictions on use : Reserved for industrial and professional use.

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### SECTION 2. HAZARDS IDENTIFICATION

#### GHS classification in accordance with 29 CFR 1910.1200

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS).

#### GHS label elements

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS).

#### Other hazards

None known.

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### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : Preparation based on:  
polymers  
pigments

#### Components

Chemical name	CAS-No.	Concentration (% w/w)
Titanium dioxide	13463-67-7	>= 20 - < 50
Iron oxide	1309-37-1	>= 5 - < 10
C.I. Pigment Blue 15	147-14-8	>= 3 - < 5
Carbon black	1333-86-4	>= 1 - < 3
aluminium hydroxide	21645-51-2	>= 0 - < 3

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### SECTION 4. FIRST AID MEASURES

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- General advice : First aid personnel should pay attention to their own safety.  
Remove contaminated clothing.
- If inhaled : If generated vapours are inhaled, move to fresh air.  
Seek medical attention.
- In case of skin contact : Wash thoroughly with soap and water  
Under no circumstances should organic solvent be used.  
If irritation develops, seek medical attention.
- In case of eye contact : Remove contact lenses.  
Protect unharmed eye.  
If eye irritation persists, consult a specialist.
- If swallowed : Rinse mouth and then drink 200-300 ml of water.  
DO NOT induce vomiting unless directed to do so by a physi-  
cian or poison control center.
- Most important symptoms and effects, both acute and delayed : None known.
- Notes to physician : Treat symptomatically.
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### SECTION 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Foam  
Water spray  
Dry powder  
Carbon dioxide (CO<sub>2</sub>)
- Unsuitable extinguishing media : water jet
- Hazardous combustion products : harmful vapours  
nitrogen oxides  
fumes/smoke  
carbon black
- Further information : Standard procedure for chemical fires.  
Use extinguishing measures that are appropriate to local cir-  
cumstances and the surrounding environment.
- Special protective equipment for fire-fighters : Wear self-contained breathing apparatus for firefighting if nec-  
essary.
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### SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protec- : Avoid dust formation.  
tive equipment and emer-  
gency procedures
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- Environmental precautions : Contain contaminated water/firefighting water.  
Do not discharge into drains/surface waters/groundwater.
- Methods and materials for containment and cleaning up : Pick up and arrange disposal without creating dust.  
Sweep up and shovel.  
Keep in suitable, closed containers for disposal.

### SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Provide appropriate exhaust ventilation at places where dust is formed.
- Advice on safe handling : For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.
- Conditions for safe storage : Electrical installations / working materials must comply with the technological safety standards.
- Further information on storage conditions : Keep only in the original container in a cool, well-ventilated place.  
Protect from direct sunlight.  
Store protected against freezing.
- Materials to avoid : No materials to be especially mentioned.
- Further information on storage stability : No decomposition if stored and applied as directed.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
C.I. Pigment Blue 15	147-14-8	TWA value (fumes/smoke)	0.2 mg/m <sup>3</sup> (copper (Cu))	ACGIHTLV
		TWA value (Dust and mist)	1 mg/m <sup>3</sup> (copper (Cu))	ACGIHTLV
		REL value (Dust and mist)	1 mg/m <sup>3</sup> (copper (Cu))	NIOSH
		REL value (fumes/smoke)	0.1 mg/m <sup>3</sup> (copper (Cu))	NIOSH
		TWA	1 mg/m <sup>3</sup> (Copper)	NIOSH REL
Iron oxide	1309-37-1	TWA value (Respirable)	5 mg/m <sup>3</sup>	ACGIHTLV

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		fraction)		
		REL value (Dust and fume)	5 mg/m3 (iron (Fe))	NIOSH
		PEL (fumes/smoke)	10 mg/m3	29 CFR 1910.1000 (Table Z-1)
		TWA value (fumes/smoke)	10 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
		TWA (Respirable particulate matter)	5 mg/m3	ACGIH
		TWA (dust and fume)	5 mg/m3 (Iron)	NIOSH REL
		TWA (Fumes)	10 mg/m3	OSHA Z-1
		TWA (total dust)	15 mg/m3	OSHA Z-1
		TWA (respirable fraction)	5 mg/m3	OSHA Z-1
		TWA (Fumes)	10 mg/m3	OSHA P0
Carbon black	1333-86-4	TWA value (Inhalable fraction)	3 mg/m3	ACGIHTLV
		PEL	3.5 mg/m3	29 CFR 1910.1000 (Table Z-1)
		TWA value	3.5 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
		REL value	0.1 mg/m3 (Polycyclic aromatic hydrocarbons (PAH))	NIOSH
		TWA (Inhalable particulate matter)	3 mg/m3	ACGIH
		TWA	3.5 mg/m3	NIOSH REL
		TWA	3.5 mg/m3	OSHA Z-1
		TWA	3.5 mg/m3	OSHA P0
		TWA	0.1 mg/m3 (PAHs)	NIOSH REL
Titanium dioxide	13463-67-7	TWA value	10 mg/m3	ACGIHTLV
		PEL (Total dust)	15 mg/m3	29 CFR 1910.1000 (Table Z-1)
		TWA value (Total dust)	10 mg/m3	29 CFR 1910.1000 (Table Z-1-A)

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		TWA (total dust)	15 mg/m3	OSHA Z-1
		TWA (Total dust)	10 mg/m3	OSHA P0
		TWA	10 mg/m3 (Titanium dioxide)	ACGIH
aluminium hydroxide	21645-51-2	TWA value (Respirable fraction)	1 mg/m3	ACGIH TLV
		TWA (Respirable particulate matter)	1 mg/m3 (Aluminum)	ACGIH

**Engineering measures** : Ensure adequate ventilation.

### Personal protective equipment

Respiratory protection : Wear respiratory protection if ventilation is inadequate.

Hand protection

Remarks : Wear impermeable chemical resistant protective gloves. Manufacturer's directions for use should be observed because of great diversity of types.

Eye protection : Safety glasses

Skin and body protection : light protective clothing

Protective measures : Avoid contact with the skin, eyes and clothing. No special measures necessary if stored and handled correctly. Handle in accordance with good building materials hygiene and safety practice. Wearing of closed work clothing is recommended.

Hygiene measures : General industrial hygiene practice.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : paste

Color : various colours

Odor : slight odour

Odor Threshold : not determined

pH : No data available

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Melting temperature : No data available.

Freezing point : No data available

Boiling point/boiling range : No data available.

Flash point : 379.99 °F / 193.33 °C  
Method: Flash-Point by Pensky-Martens Closed Cup Tester.

Evaporation rate : No applicable information available.

Flammability (solid, gas) : not highly flammable  
Method: derived from flash point

Self-ignition : not self-igniting

Upper explosion limit / Upper flammability limit : No data available.

Lower explosion limit / Lower flammability limit : No data available.

Vapor pressure : No data available.

Relative vapor density : Heavier than air.

Relative density : > 1.00

Density : > 1.00 g/cm<sup>3</sup>

Bulk density : 1,800 - 2,400 kg/m<sup>3</sup>

Solubility(ies)  
Water solubility : partly soluble  
Solubility in other solvents : No applicable information available.

Partition coefficient: n-octanol/water : No data available.

Autoignition temperature : No data available.

Decomposition temperature : No decomposition if stored and handled as prescribed/indicated.

Viscosity  
Viscosity, dynamic : Not applicable  
Viscosity, kinematic : Not applicable

Explosive properties : Not explosive  
Not explosive

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Oxidizing properties	:	Based on its structural properties the product is not classified as oxidizing.
Self-heating substances	:	No data available
Sublimation point	:	No applicable information available.
Molecular weight	:	No applicable information available.

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### SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	No hazardous reactions if stored and handled as prescribed/indicated.
Chemical stability	:	The product is stable if stored and handled as prescribed/indicated.
Possibility of hazardous reactions	:	Stable under recommended storage conditions. No hazards to be specially mentioned.
Conditions to avoid	:	See SDS section 7 - Handling and storage.
Incompatible materials	:	Strong acids Strong bases Strong oxidizing agents Strong reducing agents
Hazardous decomposition products	:	No hazardous decomposition products if stored and handled as prescribed/indicated.

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### SECTION 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

Not classified based on available information.

#### Product:

Acute oral toxicity	:	Remarks: No applicable information available.
Acute inhalation toxicity	:	Remarks: No applicable information available.
Acute dermal toxicity	:	Remarks: No applicable information available.

#### Skin corrosion/irritation

Not classified based on available information.

#### Serious eye damage/eye irritation

Not classified based on available information.

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### **Respiratory or skin sensitization**

#### **Skin sensitization**

Not classified based on available information.

#### **Respiratory sensitization**

Not classified based on available information.

#### **Germ cell mutagenicity**

Not classified based on available information.

#### **Carcinogenicity**

Not classified based on available information.

#### **Reproductive toxicity**

Not classified based on available information.

#### **STOT-single exposure**

Not classified based on available information.

#### **STOT-repeated exposure**

Not classified based on available information.

#### **Aspiration toxicity**

Not classified based on available information.

#### **Further information**

#### **Product:**

Remarks : Health injuries are not known or expected under normal use. The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

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## SECTION 12. ECOLOGICAL INFORMATION

#### **Ecotoxicity**

No data available

#### **Persistence and degradability**

No data available

#### **Bioaccumulative potential**

#### **Components:**

##### **C.I. Pigment Blue 15:**

Partition coefficient: n-octanol/water : log Pow: -1.0 (73 °F / 23 °C)  
Method: other (measured)

#### **Mobility in soil**

No data available



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### Other adverse effects

#### Product:

Additional ecological information : There is a high probability that the product is not acutely harmful to aquatic organisms.  
The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

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## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal methods

Waste from residues : Dispose of in accordance with local authority regulations. Disposal requirements are dependent on the hazard classification and will vary by location and the type of disposal selected.  
The use and processing of this product, or addition of other constituents, may cause it to be considered a hazardous waste.  
Residues should be disposed of in the same manner as the substance/product.  
Do not discharge into drains/surface waters/groundwater.

Contaminated packaging : Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

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## SECTION 14. TRANSPORT INFORMATION

### International Regulations

#### **UNRTDG**

Not regulated as a dangerous good

#### **IATA-DGR**

Not regulated as a dangerous good

#### **IMDG-Code**

Not regulated as a dangerous good

#### **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

### Domestic regulation

#### **49 CFR**

Not regulated as a dangerous good

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## SECTION 15. REGULATORY INFORMATION

### US State Regulations

#### **Pennsylvania Right To Know**

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C.I. Pigment Blue 15      147-14-8  
Iron oxide      1309-37-1  
Carbon black      1333-86-4  
Silicon dioxide      7631-86-9  
Titanium dioxide      13463-67-7

### New Jersey Right To Know

C.I. Pigment Blue 15      147-14-8  
Carbon black      1333-86-4  
Titanium dioxide      13463-67-7

### California Prop. 65

WARNING: This product can expose you to chemicals including Titanium dioxide, which is/are known to the State of California to cause cancer, and toluene, which is/are known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

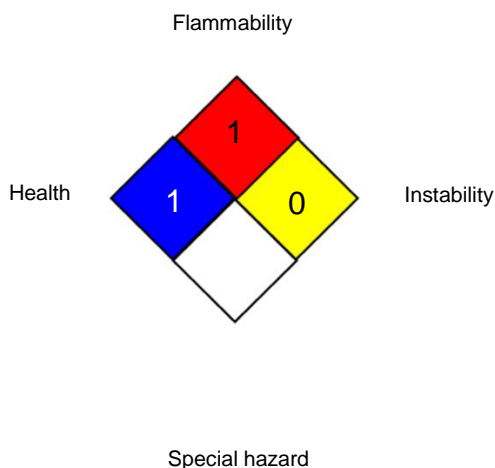
### The ingredients of this product are reported in the following inventories:

DSL : All components of this product are on the Canadian DSL  
TSCA : All chemical substances in this product are either listed as active on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.

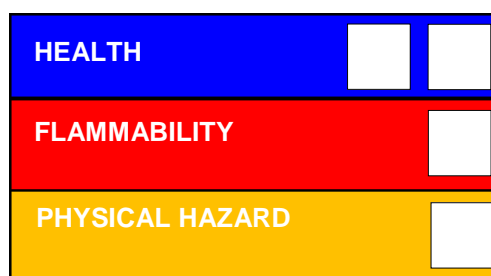
## SECTION 16. OTHER INFORMATION

### Further information

#### NFPA 704:



#### HMIS® IV:



HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "\*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

### Full text of other abbreviations

29 CFR 1910.1000 (Table Z-1) : OSHA - Table Z-1-A (29 CFR 1910.1000)  
1-A)  
29 CFR 1910.1000 (Table Z-1) : OSHA - Table Z-1 (Limits for Air Contaminants) 29 CFR

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1) 1910.1000  
ACGIH : USA. ACGIH Threshold Limit Values (TLV)  
ACGIHTLV : American Conference of Governmental Industrial Hygienists -  
threshold limit values (US)  
NIOSH : NIOSH Pocket Guide to Chemical Hazards (US)  
NIOSH REL : USA. NIOSH Recommended Exposure Limits  
OSHA P0 : USA. OSHA - TABLE Z-1 Limits for Air Contaminants -  
1910.1000  
OSHA Z-1 : USA. Occupational Exposure Limits (OSHA) - Table Z-1 Lim-  
its for Air Contaminants  
29 CFR 1910.1000 (Table Z- : Time Weighted Average (TWA):  
1-A) / TWA value  
29 CFR 1910.1000 (Table Z- : Permissible exposure limit  
1) / PEL  
ACGIH / TWA : 8-hour, time-weighted average  
ACGIHTLV / TWA value : Time Weighted Average (TWA):  
NIOSH / REL value : Recommended exposure limit (REL):  
NIOSH REL / TWA : Time-weighted average concentration for up to a 10-hour  
workday during a 40-hour workweek  
OSHA P0 / TWA : 8-hour time weighted average  
OSHA Z-1 / TWA : 8-hour time weighted average

AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

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We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

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